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High Class Short Horn Cattle

Annual Sale
Catalogue



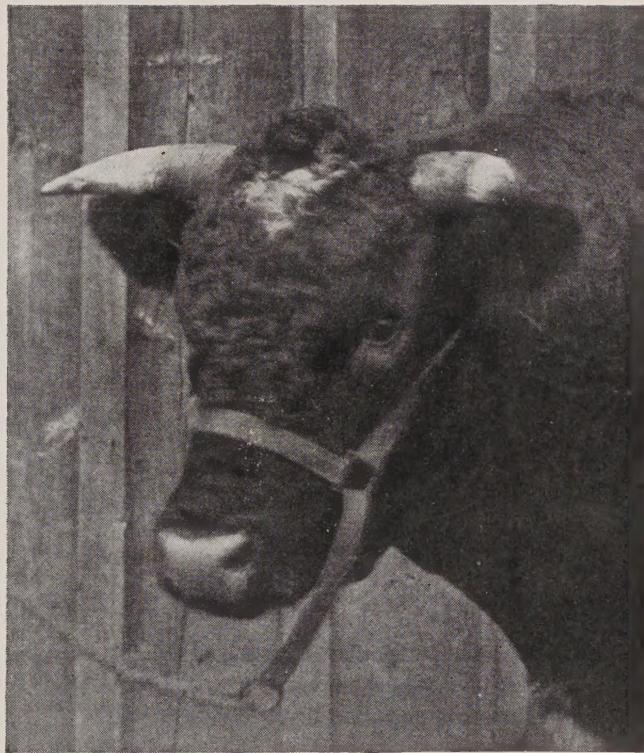
To be held at the Farm near
Miles, Iowa

R. E. WATTS & SONS, Props.

Auctioneers: { COL. N. G. KRASCHEL
GEO. BURGE, Assistant
THEO. MARTIN, Ass't

MILES, IOWA, TUESDAY, OCTOBER 12, 1915





Cumberland King

ANNUAL SALE OF
High Class
SHORT HORN CATTLE

At the Farm, near Miles, Iowa

TUESDAY, OCTOBER 12, 1915

Auctioneers: Col. N. G. Kraschel Assts., Geo. Burge, Theo. Martin

— The Property of —

R. E. WATTS & SONS, :- Miles, Iowa

Kindly bring this Catalogue with you to the sale

ANNOUNCEMENT

We take pleasure in presenting, for your approval and appraisal, ten bulls and forty-one cows and heifers that we are proud to own and part with reluctantly. However, we are in the business of raising high class Short Horns, and delight in selling the good ones. We feel, in offering this selection, that we are making a very generous division with our customers. We feel sure you will be pleased with the quality of this offering, for they are an excellent lot of animals as to individuality and breeding.

The pedigrees in this catalogue will stand the most critical inspection. The few pictures this book contains are natural photographs and you will find the animals much better than the photographs can show. The one great feature of the sale will be Sultan Calculator's heifers. These are reds and roans; wide backed, deep bodied, short legged, with the best spring of ribs we have ever seen. Considering they are bred to, or have calves at foot by, Cumberland King, you may purchase not only excellent individuals but some of the greatest show blood America has ever had.

The bulls are of the same massiveness as their sire, Sultan's Calculator. Bull buyers will find this sale their opportunity.

We believe we are safe in saying we have never offered a more useful lot of cattle. They are a well bred useful lot of cows, doing business and raising lusty calves every year.

You cannot afford to miss this sale. With hearty appreciation of the many favors shown us, and with every assurance of our best wishes, we remain

Yours for success,

R. E. WATTS & SONS.

Guarantee

All cows with calves at foot or showing unmistakable evidence of being in calf are proven breeders and no further guarantee given. All other females sold in single lots are guaranteed breeders.

All bulls, of breeding age, are guaranteed breeders, with proper care. If any animal should not measure up to this guarantee, it may be returned to us in good condition, after a reasonable time, and another animal of equal value will be sent to replace it. If that cannot be done, money will be refunded.

All animals will be at purchasers's risk as soon as bid off, but will be put on board cars free of charge.

Time Table of C. M. & St. P. R. R.

	EAST BOUND		WEST BOUND
No. 30	8:19 a. m.	No. 91 Local Freight	8:19 a. m.
No. 4	4:30 p. m.	No. 37	9:38 a. m.
No. 92 Local Freight	3:00 p. m.	No. 9	7:13 p. m.

No. 37 and No. 4 make good connections with all trains to and from the north and east at Sabula

There will be free lunch at noon. Free conveyance to farm on sale day. All parties from a distance will be our guests the night before the sale.

Terms

Cash, or a reasonable length of time will be given on approved notes bearing 6% interest. Parties unknown to us, desiring time, should bring bank references.

Auctioneer—Col. N. G. Kraschel. Geo. Burge and Theo. Martin, Assistants.



Sultan's Calculator

Lot A**Sultan's Calculator 334973****Bull**

Red; calved January 4, 1910. Bred by F. W. Harding; owned by R. E. Watts & Sons.

DAMS	BREEDERS	SIRES	BREEDERS
		Got by Whitehall Sultan 163573	J. Deane Willis
Imp. Calceolaria 16th	J. Gilmour	Spicy Baron 213038	W. S. Marr
Calceolaria 4th	J. Gilmour	Braw Duke 157581	J. D. Fletcher
Calceolaria 2d	J. Gilmour	Hildebrand 157585	A. & A. Mitchell
Calceolaria	Mr. Christie	Montgomery of Cluny 157127	Lady Gordon Cathcart
Clover	F. W. Christie	Prince Charles 157131	J. Hill
Pansy	G. Stewart	Samaritan 157141	A. Cruickshank
Dara 2d		The Scotsman 157149	W. Mackel
Dara		Honeycomb 23459	A. Cruickshank
Dewdrop		Sovereign 100901	S. Campbell
Young Lily	W. Scott	Frederick 64898	Mr. Marison
Red Lily	W. Scott	Orbliston 145549	Mr. Geddes
Jane	A. Jopp	Duplicate Duke (6952)	Mr. G. Duff
Sybil	A. Jopp	Sir Walter (2639)	R. Crofton

Sultan's Calculator 334973--was shown at the head of Mr F. W. Harding's 1910 calf herd, and was shown in class at all the leading fairs, winning many firsts and never being lower in class than third place. We selected him as our choice of the 1910 crop of calves sired by White Hall Sultan. He has developed into a 2,400 lb. bull and conceded by competent judges to be one of the very best bulls sired by the famous bull White Hall Sultan. As a sire his get on our farms will stamp him as a wonderfully uniform breeder.

White Hall Sultan 163573--white, calved October 11, 1900; bred by J. Deane Willis, Bapton Manor, England, got by Bapton Sultan 163570, out of Imp. Bapton Pearl by Count Lavender 132575.

Spicy Baron 213038--roan, calved May 24, 1899; bred by William S. Marr, Uppermill, Scotland, got by Spicy Robin 134607, out of Imp. Blythesome 15th by Sea King 125762.

Braw Duke 157581--red, calved March 25, 1893; bred by J. D. Fletcher, Rosehaugh, got by Kinellar Stamp 149545, out of Bridal Rose by Waterman 58555; Marchioness 3d by Baron Colling 155559.

Hildebrand 157585--roan, calved June 21, 1888; bred by A. & A. Mitchell, Alloa, got by Flower King 157583, out of White Veil by Brocklesby 90772; Seclusion by Judge of Assize 157586.

Lot B

Cumberland King 397228

Bull

For reference only.

Roan; calved April 20, 1913. Bred by C. A. Saunders & Son; owned by R. E. Watts & Sons.

DAMS	BREEDERS	SIRES	BREEDERS
Gladsome 5th	Got by Cumberland's Best 334805		C. A. Saunders
	C. A. Saunders	King Marengo 268124	C. A. Saunders
Gladsome	S. G. Crawford	Champion 118343	J. S. McCauley
Gladiolus	H. C. Duncan	Imp. Brunswick 96512	A. Cruickshank
Imp. Gardenia	A. Cruickshank	Cumberland 50626	A. Cruickshank
Guelder Rose	A. Cruickshank	Pride of the Isles 45274	A. Cruickshank
Evening Star	A. Cruickshank	Royal Duke of Gloster 20901	A. Cruickshank
Morning Star	A. Cruickshank	Champion of England (17526)	A. Cruickshank
Grandiflora	A. Cruickshank	Lord Sackville (13249)	A. Cruickshank
Flora	A. Cruickshank	Fairfax Royal (6987)	William Torr
Jessica	Capt. Barclay	Premier (6308)	
Venus	Capt. Barclay	Saturn (5029)	J. Simpson
Dairy Maid	Capt. Barclay	Favourite (6997)	

Cumberland King 397228—was selected from the Saunders herd to cross on Calculator's heifers. We predict for this cross an extraordinary good mating. Cumberland King is a smooth wide bull, with straight lines heavy in the twist, and in his working clothes carries the characteristic massiveness and smoothness of the Cumberlands.

Cumberland's Best 334805—white, calved March 20, 1910; bred by C. A. Saunders, got by Cumberland's Last 229822, out of Pro Narcissus 2d by Steadfast 141552; Pro Narcissus by Pro Consul 94510; Imp. Narcissus by Barmpton 45246.

King Marengo 268124—dark roan, calved September 8, 1905; bred by C. A. Saunders, Manilla, Iowa, got by King Champion 191878, out of Lady Marengo by Marengo 141581; Imp. Lady Douglass by Lord Douglass 132003.

Champion 118343—got by Favorite of Maple Leaf 107151. He by Home Secret 103632, out of Rosy Red by Village Boy 25099; tracing to Imp. Rosemary by Breadalbane (28073); out of Imp. Athene (bred by Mr. Cruickshank) by Baron Violet 90446; Abarilla by Barmpton Prince 45247; Arabella by Earl of Windsor 41400.

Lot 1

Prince Calculator 430054

Bull

Roan; calved May 26, 1914. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

Gold Floss 2d 88810	Got by Sultan's Calculator 334973	F. W. Harding
Golden Floss	W. B. Rigg...Trout Creek Champion 247843	W. D. Flatt
Imp. Floss	W. B. Rigg...Golden Charity Prince 181437	W. B. Rigg
Cashmere	Alex. Innis...Nairn 150159	J. B. Marshal
Casket	W. A. Mitchell...Duke of Chamburg (36052)	J. Outhwaite
Countess 2d	F. Brown...Magnet (37793)	Duke of Buccleuch
Countess	F. Brown...Loyalty (26768)	A. Cruickshank
Lady Hay	Mr. Mitchell...Duke of Bedford (23722)	A. Cruickshank
Arabella	G. Mitchell...Bertham (17408)	G. Shepard
Young Juno	Young Sovereign (7541)	A. Cruickshank
	The Peer (545)	Mr. Crofton

Prince Calculator 430054—is a herd bull proposition both as to pedigree and individual merit, he is even lined deep bodied well sprung, short legged, one of the good things of the sale. Look him over.

Sultan's Calculator 334973—is a very growthy, mellow, true lined and deep bodied bull, with the same strong masculine head of his great sire, Whitehall Sultan, and comes from an excellent family on his dam's side, she producing some of Mr. Harding's best show cattle. Sultan's Calculator was our choice of Whitehall Sultan's 1910 calves and was at the head of Mr. Harding's young calf herd at most of the big shows and a very strong showing in the classes, winning several firsts and seconds and never being lower than fourth place. We believe that he ranks among the best of White Hall Sultan's bulls as a sire, weighing 2400 lbs.

Trout Creek Champion 247843—red, calved July 13, 1905; bred by W. D. Flatt, Hamilton, Ont., got by Gold Cup 247822, out of Imp. Collynie Rosewood by Lovat Champion 157617.

Golden Charity Prince 181437—red, calved April 1, 1901; bred by W. B. Rigg, Mt. Sterling, Ill., got by Golden Prince 4th 130543, out of Charity by Master Butterfly 120191; Imp. Cecelia by Gondolier 98287..

Watson & Son, Miles, Iowa

Lot 2

Sultan's Pride 430271

Bull

Red and white; calved March 12, 1914. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS	BREEDERS	SIRES	BREEDERS
		Got by Sultan's Calculator 334973.....	F. W. Harding
Inglewood Primrose 2d 107081	R. E. Watts & Sons....	Sentinel 217597.....	E. C. & J. A. White
Inglewood Primrose 14783.....		E. C. Forest....Inglewood 151200.....	Hanna & Co
Imp. Primrose		Chas. Strachan....Spencer 159426	G. Bruce
Duchess		Chas. Strachan....Vulcan 152349.....	J. Johnstone
Blanche		Chief Baron 139915	A. Milne
White Lady		Orphan Boy 139925	J. & J. Fowler
Ellen.....		Burleigh 96530	Mr. Hay
Jessica.....		Capt. Barclay....The Pacha (7612)	Capt. Barclay
Mary Anne		Mr. Gibson....Sillery (5131).....	Mr. Burrow
Miss Gibson		Mr. Burrows....Carleton (843).....	Mr. Burrow
Dorah		Mr. Burrows....Diamond (205)	Col. Trotter

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Imp. Inglewood 151200—bred by W. S. Marr, Uppermill, Scotland, sired by Capt. Inglewood 151190, and out of Mr. Marr's celebrated Emma family Imported in dam by Hanna & Co, Howard, Kansas. At the American Royal at Kansas City, Imp. Inglewood stood second to the great sweepstakes bull, Golden Victor.

Spencer 159426—red, calved March 20, 1895; bred by G. Bruce, Heatherwick, Scotland, got by Nansen 141541, out of Sunshade by Sittyton Yet 121198; Sunbeam by Statesman 124706; Sunflower by Socrates 121201.

Vulcan 152349—red, calved May 23, 1884; bred by J. Johnstone, Drumwhindle Mains, got by His Majesty 124173, out of Wallflower by Cabul 124179; Williamina 3d by Lord Chief Justice 144635.

Lot 3

Calculator's Model 430266

Bull

Roan; calved April 14, 1914. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	SIRE	BREEDERS
Inglewood's Primrose 14783	Got by Sultan's Calculator 334973	F. W. Harding	
Imp. Primrose	E. C. Forest	Inglewood 151200	Hanna & Co.
Duchess	Chas. Strachan	Spencer 159426	G. Bruce
Blanche	Chas Strachan	Vulcan 152349	J. Johnstone
White Lady		Chief Baron 139915	A. Milne
Ellen		Orphan Boy 139925	J. & J. Fowler
Jessica	Capt. Barclay	The Pacha (7612)	Capt. Barclay
Mary Anne	Mr. Gibson	Sillery (5131)	Mr. Burrow
Miss Gibson	Mr. Burrows	Carleton (843)	Mr. Burrow
Dorah	Mr. Burrows	Diamond (205)	Col. Trotter

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Imp. Inglewood 151200—bred by W. S. Marr, Uppermill, Scotland, sired by Capt. Inglewood 151190, and out of Mr. Marr's celebrated Emma family. Imported in dam by Hanna & Co, Howard, Kansas. At the American Royal at Kansas City, Imp. Inglewood stood second to the great sweepstakes bull, Golden Victor.

Spencer 159426—red, calved March 20, 1895; bred by G. Bruce, Heatherwick, Scotland, got by Nansen 141541, out of Sunshade by Sittyton Yet 121198; Sunbeam by Statesman 124706; Sunflower by Socrates 121201.

Vulcan 152349—red, calved May 23, 1884; bred by J. Johnstone, Drumwhindle Mains, got by His Majesty 124173, out of Wallflower by Cabul 124179; Williamina 3d by Lord Chief Justice 144635.

Chief Baron 139915—white, calved March 4, 1874; bred by A. Milne, Corse of Kinnoir, got by Baron Ossington 139913, out of Ella by Lord Grosvenor 139923; Wellingtonia by Sir Charles 2d 21808.

Lincoln Plainfield, La., 1914

Lot 4

Dorothy Algor 89150

Cow

Red, with star; calved October 19, 1909. Bred by A. Chrystal and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Got by Maxwalton Dale 283819.....	..... Carpenter & Ross
Lady Dorothy 42d 12390..... G. E. McKaig & Son..... Best of Archers 141832.....	..... Wm. Duthie
Imp. Lady Dorothy 50th..... John Marr..... Luxury 156593.....	..... James Bruce
Lady Dorothy 35th..... John Marr..... Glory 156436.....	..... J. W. Brenton
Lady Dorothy 28th..... John Marr..... Sittyton Scarlet 151407.....	..... A. Cruickshank
Lady Dorothy 14th..... John Marr..... Mad Day 157372.....	..... James Bruce
Lady Dorothy 9th..... John Marr..... Magnet 130845.....	..... Duke of Buccleuch
Lady Dorothy 6th..... John Marr..... Lord Charles 27069.....	..... Duke of Buccleuch
Lady Dorothy 5th..... John Marr..... Humboldt 130846.....	..... George Shepherd
Lady Dorothy 3d..... John Marr..... Master Butterfly 12th 130847.....	..... A. Cruickshank
Lady Dorothy 2d..... John Marr..... Champion 130848.....	..... Mr. Whitehead
Lady Dorothy..... Guy Fawkes..... Guy Fawkes 19935.....	..... F. W. Fawkes
Likely.....	..... The Pacha (7612)..... Capt. Barclay
Helen.....	..... 2d Duke of Northumberland (3646)..... T. Bates
Mary Ann.....	..... Sillery (5131)..... Mr. Burrow

Dorothy Algor 89159—was a member of our show herd when a calf and standing well up in the money in the open class at Des Moines, and her twin sister won fourth as produce of cow. She is a very deep, low-set cow, with good conformation, is a good milker, and a very regular producer. She is a cow that we hate to part with, but feel that she will make a great attraction for the breeders looking for the best. She has a heifer calf which we are retaining in the herd and was bred again June 3d to Sultan's Calculator.

Maxwalton Dale 283819—roan, calved March 12, 1907; bred by Carpenter & Ross, got by Avondale 245144, out of Imp. Jeanie by Count Arthur 144609; Jill by Star of Morning 121243; Zealous Girl by Wilkins Micawber 149777.

Imp. Best of Archers 141832—red, calved April 6, 1896; bred by Duthie. Shown successfully and sired among other prize winners the \$5,000 bull Ceremonious Archer. Thus Lady Dorothy 42d is a half sister to this famous champion.

Luxury 156593—red, calved January 30, 1898; bred by J. Bruce, Inverquohomery, Scotland, got by Waverley 136405, out of Rosewood 57th by Royal Robin 135231; Rosewood 43d by Banadulæ 149524.

151 14 57th Royal Robin 135231

Lot 5**Red Floss 137611****Cow**

Red; calved May 27, 1912. Bred and owned by R. E. Watts & Sons, Miles, Iowa

DAMS	BREEDERS	SIRE	BREEDERS
Golden Floss 2d 88810	R. E. Watts & Sons	Got by Sultan's Calculator 334973	F. W. Harding
Golden Floss		Trout Creek Champion 247843	W. D. Flatt
Imp. Floss		W. B. Rigg	Golden Charity Prince 181437
Cashmere		Alex. Innis	Nairn 150159
Casket		W. A. Mitchell	Duke of Chamburg (36052)
Countess 2d		F. Brown	Magnet (37793)
Countess		F. Brown	Loyalty (26768)
Lady Hay		Mr. Mitchell	Duke of Bedford (23722)
Arabella		G. Mitchell	Bertham (17408)
Young Juno			Young Sovereign (7541)
			The Peer (545)

Red Floss 137611—is an all red heifer and one of the good Sultan's Calculator's heifers in the sale. She is a good milker and will make a very profitable cow. We had the misfortune to lose her heifer calf which was calved in May, after it was a week old. Bred July 18th to Cumberland King.

Sultan's Calculator 334973—is a very growthy, mellow, true lined and deep bodied bull, with the same strong masculine head of his great sire, Whitehall Sultan, and comes from an excellent family on his dam's side, she producing some of Mr. Harding's best show cattle. Sultan's Calculator was our choice of Whitehall Sultan's 1910 calves and was at the head of Mr. Harding's young calf herd at most of the big shows and a very strong showing in the classes, winning several firsts and seconds and never being lower than fourth place. We believe that he ranks among the best of White Hall Sultan's bulls as a sire, weighing 2400 lbs.

Trout Creek Champion 247843—red, calved July 13, 1905; bred by W. D. Flatt, Hamilton, Ont., got by Gold Cup 247822, out of Imp. Collynie Rosewood by Lovat Champion 157617.

Golden Charity Prince 181437—red, calved April 1, 1901; bred by W. B. Rigg, Mt. Sterling, Ill., got by Golden Prince 4th 130543, out of Charity by Master Butterfly 120191; Imp. Cecelia by Gondolier 98287.

H. M. Fitch Long Grove, Ill.

Lot 6

Golden Floss 3d 137608

Cow

Red; calved January 28, 1912. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Golden Floss	Got by Sultan's Calculator 334973	F. W. Harding
Imp. Floss	W. B. Rigg...Golden Charity Prince 181473	W. B. Rigg
Cashmere	Alex. Innis...Nairn 150159	J. B. Marshal
Casket	W. A. Mitchell...Duke of Chamburg (36052)	J. Outhwaite
Countess 2d	F. Brown...Magnet (37793)	Duke of Buccleuch
Countess	F. Brown...Loyalty (26768)	A. Cruickshank
Lady Hay	Mr. Mitchell...Duke of Bedford (23722)	A. Cruickshank
Arabella	G. Mitchell...Bertham (17408)	G. Shepard
Young Juno	Young Sovereign (7541)	A. Cruickshank
	The Peer (545)	Mr. Crofton

Golden Floss 3d—is one of the very good all red heifers by Sultan's Calculator; she comes from a cow that has produced us some of our very best show cattle. Red bull calf at foot, sired by Cumberland King, calved June 1, 1915.

Sultan's Calculator 334973—is a very growthy, mellow, true lined and deep bodied bull, with the same strong masculine head of his great sire, Whitehall Sultan, and comes from an excellent family on his dam's side, she producing some of Mr. Harding's best show cattle. Sultan's Calculator was our choice of Whitehall Sultan's 1910 calves and was at the head of Mr. Harding's young calf herd at most of the big shows and a very strong showing in the classes, winning several firsts and seconds and never being lower than fourth place. We believe that he ranks among the best of White Hall Sultan's bulls as a sire, weighing 2400 lbs.

Golden Charity Prince 181437—red, calved April 1, 1901; bred by W. B. Rigg, Mt. Sterling, Ill., got by Golden Prince 4th 130543, out of Charity by Master Butterfly 120191; Imp. Cecelia by Gondolier 98287.

John H. Overton, Prenton, Mo. #334

Lot 7

Algor Matchem 209046

Cow

Red; calved August 4, 1914. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sultan's Calculator 334973.....	F. W. Harding
Rose Matchem 2d 137615	C. L. McClellan....Count Abbot 300501.....	C. Hintz & Sons
Rose Matchem 13087	C. L. McClellan....Royal Wonder 176235	J. & W. B. Watt
Mabel Rose	I. Barr & Son....Ducal Crown 97149	A. Cruickshank
Western Rose	I. Barr & Son....Commander 79556.....	Jas. I. Davidson
Lady Rose	I. Barr & Son....Julius 56643	A. Cruickshank
Imp. Eliza	Jas. Murray .. Sherwood 67695	A. Cruickshank
Jenny Lind.	Jas. Murray....Golden Prince 66278	A. Cruickshank
Lady Mary	Lord Lieutenant 66782	A. Cruickshank
Elizabeth	Master Stanley 66946	A. Cruickshank
Lovely	Sir William 67728	A. Milne

Imp. Eliza—a red cow, calved in 1881 and imported in October, 1883, by J. I. Davidson, Balsam, Ont. She was bred by James Murray, Aberdeenshire, Scotland. Her descendants rank with the very best Scotch cattle of this country. It might be well to mention here that Mr. Davidson was one of the most discriminating importers on the American continent. His having imported her is evidence of a good foundation, and by the use of such bulls as appear in this pedigree is a guarantee of the best of breeding.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Count Abbot 300501—red, calved April 30, 1907; bred by C. Hintz & Sons, got by Ben Lomond 224418, out of Lady Duster 2d by Bold Count 163001; Lady Duster by Knuckle Duster 141674; tracing to Imp. Crimson Flower by Refiner 21773.

Royal Wonder 176235—red, calved September 24, 1899; bred by J. & W. B. Watt, Salem, Ont., got by Royal Sailor 125761, out of English Lady 11th by Sittyton Chief 113826; tracing to Imp. English Lady by Heir of Englishman 21595.

Ducal Crown 97149—red, calved February 23, 1888; bred by A. Cruickshank, Sittyton, got by Pro Consul 94510, out of 30th Duchess of Gloster by Chancellor 68693; 21st Duchess of Gloster by Barmpton Prince 45247.

Lot 8

Calculator Primrose 146892

Cow

Red; calved March 22, 1912. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS	BREEDERS	Sires	BREEDERS
Inglewood's Primrose 2d 107081	R. E. Watts & Sons	Sentinel 217597	F. W. Harding
Inglewood's Primrose		E. C. Forest	E. C. & A. J. White
Imp. Primrose		Inglewood 151200	W. S. Marr
Duchess		Chas. Strachan	G. Bruce
Blanche		Spencer 159426	J. Johnstone
White Lady		Vulcan 152349	A. Milne
Ellen		Chief Baron 139915	J. & J. Fowler
Jessica		Orphan Boy 139925	Mr. Hay
Mary Anne		Burleigh 96530	Capt. Barclay
Miss Gibson		Capt. Barclay	Mr. Gibson
Dorah		The Pacha (7612)	Sillery (5131)
		Mr. Burrows	Carleton (843)
		Mr. Burrows	Diamond (205)
		Col. Trotter	

Calculator's Primrose 146892—is a beautiful all-red heifer with much substance. She is in calf since June 29th to the service of Cumberland King.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Imp. Inglewood 151200—bred by W. S. Marr, Uppermill, Scotland, sired by Capt. Inglewood 151190, and out of Mr. Marr's celebrated Emma family. Imported in dam by Hanna & Co., Howard, Kansas. At the American Royal at Kansas City, Imp. Inglewood stood second to the great sweepstakes bull, Golden Victor.

Spencer 159426—red, calved March 20, 1895; bred by G. Bruce, Heatherwick, Scotland, got by Nansen 141541, out of Sunshade by Sittyton Yet 121198; Sunbeam by Statesman 124706; Sunflower by Socrates 121201.

Pierce & Son \$255

Lot 9

Violet Maiden 2d 186990

Cow

Roan; calved April 11, 1913. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Violet Maiden	Got by Sultan's Calculator 334973	F. W. Harding
Moss Rose	G. A. Heath...Violet's Favorite 144046 ..	J. S. McCauley
Violet Leaf 2d	G. A. Heath...Baron of Aberdeen 68208 ..	A. Cruickshank
Violet Leaf	Wm. Cummings & Son ..Verbena Twig 89786.....	Standiford & Danforth
Imp. Violet Bud	Standiford & Danforth...Favorite 56041	W. Duthie
Rose of Knowlmere	A. Cruickshank...Barmpton (45246)	A. Cruickshank
Red Violet	A. Cruickshank...Knight of Knowlmere (22055)	W. Peel
Violet	A. Cruickshank...Allan (21172)	Sir W. S. Maxwell
Roseate	A. Cruickshank...Lord Bathurst (13173).....	A. Cruickshank
China Rose	A. Cruickshank...Matadore (11800)	W. Smith
Carmine Rose	A. Cruickshank...Hudson (9228)	W. Linton
Red Rose	A. Cruickshank...Fairfax Royal (6987)	W. Torr
Moss Rose	A. Cruickshank...Inkhorn (6091).....	Capt. Barclay
	G. Williamson...Grazier (1085)	S. Wiley

Imp. Violet Bud—was imported by Kentucky Importing Company in 1883 from A. Cruickshank's herd, and she descends from a tribe that has been bred at Sittyton for nearly fifty years. The same family, as Sweet Violet 2d sold for \$3,705 at T. R. Westrope's sale.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Violet's Favorite 144046—red and white, calved March 21, 1896; bred by J. S. McCauley, Emerson, Ill., got by Favorite of Maple Leaf 107851, out of Violet's Pearl by Royal Duke of Pleasant Ridge 36889; tracing to Imp. Violet Bud by Barmpton 45246.

Imported Baron of Aberdeen (47373)—bred by Amos Cruickshank, got by Barmpton (37763) out of Duchess of Gloster 23d by Pride of the Isles 45274; Duchess of Gloster 15th by Master of Arts 45271, Duchess of Gloster 10th by Royal Oak (22792); Duchess of Gloster 9th by Lord Raglan (13244).

John T. Murray



Golden Rose 5th

Lot 10

Golden Rose 5th 40837

Cow

Roan; calved January 6, 1906. Bred by F. A. Hunter; owned by R. E. Watts & Sons.

DAMS	BREEDERS Sires	BREEDERS
	Got by Woodhill Hero 224284	W. H. Dunwoody
Imp. Golden Rose 4th	William Craigie...Cornelius 181296	A. M. Gordon
Golden Rose	William Craigie...Golden Ray 135023	Wm. Duthie
White Rose	W. J. Matheson...Salisbury 180428	Lord Lovat
Sunbeam	Lord Lovat...Duke of Beaufort 141833	Earl of Dunmore
Imp. Young Julia 3d	Lord Lovat...Bachelor of Arts 141830	William Duthie
Young Julia	Lord Lovat...King's Seal (26525)	Mr. C. Bruce
Julia	A. Cruickshank...Alan (21172)	W. Sterling
Josephine	Matadore (11800)	W. Smith
Flora	Fairfax Royal (6987)	Mr. Torr
Jessica	A. Cruickshank...Premier (6308)	Mr. Cruickshank
Venus	A. Cruickshank...Saturn (5089)	Hon. John Simpson
Dairymaid	Favorite (6997)	

Golden Rose 5th—is the largest and deepest bodied cow in the sale with plenty of quality and will be an attraction in any herd. Bred June 27, 1915, to Sultan's Calculator.

Woodhill Hero 224284—got by Imp. Golden Mist, bred by William Duthie, Collynie, Aberdeenshire, Scotland, is one of the Missie family, which is the largest, one of the oldest and one of the best families at Uppermill, and they are admitted to be one of the greatest in Scotland. Many noted prize winners have come from this family and the most of them, when placed in public sales, have commanded very high prices. Missie 96th, the granddam of Golden Mist, is also granddam of Missie 153d, sold at Chicago, December, 1901, by Mr. Marr to W. C. Edwards & Co., for \$6,000. Golden Mist is by Golden Sun 182754, out of Missie 136th by William of Orange 95736.

Cornelius 181296—Cruickshank Clipper tribe, proved to be a noted sire of prize winners. He was a full brother to Cornerstone (68406) who had an unbeaten show yard career in 1899. He gained first prize in his class of over a score of aged bulls, the silver medal and Tweed gold medal for the best Short Horn bull and H. R. H. the Prince of Wales' gold medal as champion of the breed at the Highland and Agricultural Society Show, Edinburg; first prize and championship for bulls over two years of age, Royal Northern Show, Aberdeen; the silver challenge cup and medal as champion of all breeds, Huntley. His sire Touchstone (60073) came of the famous Sittyton Secret family, being sired by Gondolier (52956) and out of Sunflower by Roan Gauntlet (45276), while his dam, Butterscotch, came of the well known Clipper tribe. He is therefore of the very best Cruickshank breeding.

F. M. Fickel \$140

Lot 11

Sultan's Matchem 186989

Cow

Red; calved September 23, 1913. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
Rose Matchem 2d 137615	C. L. McClellan	Count Abbot 300501	F. W. Harding
Rose Matchem 13087	C. L. McClellan	Royal Wonder 176235	C. Hintz & Sons
Mabel Rose	I. Barr & Son	Ducal Crown 97149	J. & W. B. Watt
Western Rose	I. Barr & Son	Commander 79556	A. Cruickshank
Lady Rose	I. Barr & Son	Julius 56643	Jas. I. Davidson
Imp. Eliza	Jas. Murray	Sherwood 67695	A. Cruickshank
Jenny Lind	Jas. Murray	Golden Prince 66278	A. Cruickshank
Lady Mary	Lord Lieutenant	66782	A. Cruickshank
Elizabeth	Master Stanley	66946	A. Cruickshank
Lovely	Sir William	67728	A. Milne

Imp. Eliza—a red cow, calved in 1881 and imported in October, 1883, by J. I. Davidson, Balsam, Ont. She was bred by James Murray, Aberdeenshire, Scotland. Her descendants rank with the very best Scotch cattle of this country. It might be well to mention here that Mr. Davidson was one of the most discriminating importers on the American continent. His having imported her is evidence of a good foundation, and by the use of such bulls as appear in this pedigree is a guarantee of the best of breeding.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Count Abbot 300501—red, calved April 30, 1907; bred by C. Hintz & Sons, got by Ben Lomond 224418, out of Lady Duster 2d by Bold Count 163001; Lady Duster by Knuckle Duster 141674; tracing to Imp. Crimson Flower by Refiner 21773.

Royal Wonder 176235—red, calved September 24, 1899; bred by J. & W. B. Watt, Salem, Ont., got by Royal Sailor 125761, out of English Lady 11th by Sittyton Chief 113826; tracing to Imp. English Lady by Heir of Englishman 21595.

Ducal Crown 97149—red, calved February 23, 1888; bred by A. Cruickshank, Sittyton, got by Pro Consul 94510, out of 30th Duchess of Gloster by Chancellor 68693; 21st Duchess of Gloster by Barmpton Prince 45247.

186989
Sultan's Matchem 186989

Lot 12

Inglewood Primrose 2nd 107081

Cow

Roan; calved June 22, 1909. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Inglewood's Primrose 14783	Got by Sentinel 217597	E. C. & J. A. White
Imp. Primrose	E. C. Forest...Inglewood 151200	W. S. Marr
Duchess	Chas. Strachan...Spencer 159426	G. Bruce
Blanche	Chas. Strachan...Vulcan 152349	J. Johnstone
White Lady	Chief Baron 139915	A. Milne
Ellen	Orphan Boy 139925	J. & J. Fowler
Jessica	Burleigh 96530	Mr. Hay
Mary Anne	Capt. Barclay...The Pacha (7612)	Capt. Barclay
Miss Gibson	Mr. Gibson...Sillery (5131)	Mr. Burrow
Dorah	Mr. Burrows...Carleton (843)	Mr. Burrow
	Mr. Burrows...Diamond (205)	Col. Trotter

Inglewood Primrose 2nd 107081—is a beautiful roan with a remarkably good head and beautiful feminine character, a good milker and a very good and regular breeder having produced us a calf every year, two of which will be in the sale. One is being used in the herd of E. S. Fanning & Sons, Nemaha, Iowa. Bred June 27, 1915 to Sultan's Calculator 334973.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Imp. Inglewood 151200—bred by W. S. Marr, Uppermill, Scotland, sired by Capt. Inglewood 151190, and out of Mr. Marr's celebrated Emma family. Imported in dam by Hanna & Co, Howard, Kansas. At the American Royal at Kansas City, Imp. Inglewood stood second to the great sweepstakes bull, Golden Victor.

Spencer 159426—red, calved March 20, 1895; bred by G. Bruce, Heatherwick, Scotland, got by Nansen 141541, out of Sunshade by Sittyton Yet 121198; Sunbeam by Statesman 124706; Sunflower by Socrates 121201.

Geo. Martin Bellevue 2.5.20



Lot 26

Lot 26—Red Daisy 2d

Lot 25—Red Lassie 4th by Sultan's Calculatior

Lot 25

Lot 28

Lot 13

Lot 28—Daisy Girl 3d

Lot 13—Algor's Jenny Lind

Lot 13

Algor's Jenny Lind 186982

Cow

Red; calved September 25, 1913. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sultan's Calculator 334973	F. W. Harding
Jenny Lind 25th 74818	R. E. Watts & Sons...Sentinel 217597	E. C. & J. A. White
Jennie Lind 22d	Wm. & John Griffiths...Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer...Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn...7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead...Kelvinside (14756)	S. Stirling

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpton Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

W. M. Herkman, Edward A. Herkman

Lot 14

Jenny Lind 25th 74818

Cow

Red; calved January 3, 1908. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sentinel 217597	E. C. & J. A. White
Jenny Lind 22d	Wm. & John Griffiths...Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer...Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn...7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead...Kelvinside (14756)	S. Stirling

Jenny Lind 25th 74818—this is a very good breeder having a calf every year, and will be right up to calving at day of sale. She is low down and a beefy cow and a good milker, this cow will do to watch for, she will be a bargain for the man that gets her.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpnton Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

7th Earl of Oxford 9985—red, calved September 6, 1869; bred by Jas. O. Sheldon, Geneva, got by 5th Duke of Geneva 7932, out of 10th Lady of Oxford by 10th Duke of Thorndale 5610; 7th Lady of Oxford by 6th Duke of Thorndale (23794).

K. M. Fick 2.50

Lot 15

Jenny Lind 30th 164084

Cow

Red; calved May 21, 1913. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sultan's Calculator 334973.	F. W. Harding
Jenny Lind 24th 74817	R. E. Watts & Sons...Sentinel 217597	E. C. & J. A. White
Jenny Lind 23d	R. E. Watts & Sons...Double Gloster 2d 138588	Forbes Bros.
Jenny Lind 22d	Wm. & John Griffith...Waterloo 78343.	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer...Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn...7th Earl of Oxford 9985.	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead...Kelvinside (14756)	S. Stirling

Jenny Lind 30th 164084—here is another of the Sultan Calculator crosses, bred to Cumberland's King August 4te. Uniting some of the best blood of show-yard reputations. This heifer is a good individual and will bear inspection sale day.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

John Henry \$1.35



Lot 16—Jenny Lind 26th

Lot 18—Jenny Knight 2d

Lot 19—Jenny Knight 5th

Lot 16

Jenny Lind 26th 107082

Cow

Red; calved July 24, 1909. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sentinel 217597	E. C. & J. A. White
Jenny Lind 22d	Wm. & John Griffiths...Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer...Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn...7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead...Kelvinside (14756)	S. Stirling

Jenny Lind 26th 107082—is close to the ground and a very smooth, and a regular breeder. Her calves will speak for themselves. Red heifer calf at foot by Cumberland King; bred August 2d, to Sultan's Calculator.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpton Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

7th Earl of Oxford 9985—red, calved September 6, 1869; bred by Jas. O. Sheldon, Geneva, got by 5th Duke of Geneva 7932, out of 10th Lady of Oxford by 10th Duke of Thorndale 5610; 7th Lady of Oxford by 6th Duke of Thorndale (23794).

W. E. Koch, Miles, a. 1910

Lot 17

Jenny Knight 3d 74815

Cow

Red; calved April 14, 1908. Bred and owned by R. E. Watts & Sons;

DAMS

BREEDERS Sires

RBEEEDERS

Jenny Knight	Got by Sentinel 217597	E. C. & J. A. White
Jennie Lind 22d	C. E. Clarke...Red Knight 157136	D. C. Morris
Jenny Lind 14th	Wm. & John Griffiths...Waterloo 78343	Pliny Nichols
Jenny Lind 12th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 9th	L. Palmer...Commander 41637	John Dryden
Imp. Wastell's Jenny Lind 7th	J. P. Sanborn...7th Earl of Oxford 9985	J. O. Sheldon
Jenny Lind 6th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 3d	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
	J. Whitehead...Kelvinside (14756)	S. Stirling

Jenny Knight 3d 74815—this cow has given me three calves that we are retaining in the herd and will calve November 22d to the service of Cumberland King.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157, out of Imp. Martha 3d. His dam, Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Imp. Red Knight 157136—the sire of March Knight, is too well known to require further comment he being one of the most successful sires of prize winners ever imported to America, the grand champion female of 1905 and 1906 being both sired by him.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpton Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

M. E. McNeil Rock Falls, Ill. 8/175

Lot 18

Jenny Knight 2d 49481

Cow

Roan; calved April 3, 1906. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Jenny Knight.....	Got by Double Gloster 2d 138588	Forbes Bros.
Jenny Knight.....	C. E. Clarke...Imp. Red Knight 157136	D. C. Morris
Jennie Lind 22d.....	Wm. & John Griffiths...Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson...Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer...Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn...7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector...Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie...Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead...Kelvinside (14756)	S. Stirling

Jenny Knight 2d 49481—is a large roan cow with plenty of scale and quality, a regular breeder. She has produced some of the most valuable stock at the Algor Farms. A good milker and will appear in sale with a roan bull calf sired by Sultan's Calculator.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Imp. Red Knight 157136—the sire of March Knight, is too well known to require further comment, he being one of the most successful sires of prize winners ever imported to America, the grand champion female of 1905 and 1906 being both sired by him.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

J. W. Taklin & Sons Miles, La., \$1,15

Lot 19

Jenny Knight 5th 137610

Cow

Roan; calved June 22, 1911. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Red Marshal 303741	F. W. Harding
Jenny Knight 2d 49481	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Jenny Knight	C. F. Clarke	Imp. Red Knight 157136	D. C. Morris
Jennie Lind 22d	Wm. & John Griffiths	Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson	Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer	Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn	7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector	Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie	Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead	Kelvinside (14756)	S. Stirling

Jenny Knight 5th--deep, heavy-bodied, of good conformation and quality, in calf to service of Sultan's Calculator. Red Marshall by White Hall Marshall 209776 the International winner. A calf from this cow forms a line breeding of the blood of White Hall Sultan that will not be excelled in the sale rings this fall.

Red Marshal 303741—red, calved November 1, 1907; bred by F. W. Harding. Won six first prizes out of a possible nine, on the State Fair circuit in 1909 in Mr. Harding's herd and was only shown in moderate flesh. He was the highest priced bull in Mr. Frank Harding's 1910 sale and has proven himself a very valuable sire.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Imp. Red Knight 157136—the sire of March Knight, is too well known to require further comment, he being one of the most successful sires of prize winners ever imported to America, the grand champion female of 1905 and 1906 being both sired by him.

Lot 20

Jenny Lind 28th 161229

Cow

Roan; calved November 16, 1910. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS SIRES

BREEDERS

	Got by Scotch Avon 315678	Flynn Farm Co
Jenny Lind 25th 74818	R. E. Watts & Sons... Sentinel 217597	E. C. & J. A. White
Jennie Lind 22d	Wm. & John Griffiths... Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson... Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer... Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn... 7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector... Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie... Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead... Kelvinside (14756)	S. Stirling

Jenny Lind 28th 161229—white bull calf at foot by Cumberland's King dropped August 12, 1915. This cow is one of the good things in the sale, don't overlook her.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpston Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

John Henry & Co

Lot 21

White Rose 8th 209048

Cow

White; calved July 2, 1914. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Sultan's Calculator 334973.....	F. W. Harding
Lady Rose B. 7th 146893	R. E. Watts & Sons....Scotch Avon 315678.....	.....	Flynn Farm Co.
Lady Rose B. 6th 1960	R. E. Watts & Sons....Double Gloster 2d 138588 .....	.....	Forbes Bros.
Lady Rose B.	R. E. Watts....Royal Aberdeen 100580 .....	.....	C. S. Barclay
Lady Rose 2d	R. E. Watts....Almont 2d 58770. ....	.....	C. S. Barclay
Red Rose 3d.....	Dan Koch....Valentine Duke 58376 .....	.....	Wm. Koch
Red Rose	Mrs. E. J. Byram....Duke Clifton 11672 .....	.....	Geo. M. Bedford
Duchess 5th.....	M. H. Kendall....Red Duke 7167 .....	.....	J. Duncan
Duchess 4th	Geo. Moore....Alex. H. Stevens 7485 .....	.....	A. Renick
Duchess 2d	Roan Duke 10781 .....	.....	E. G. Bedford
Duchess 1st.....	Innes' Whig 588 .....	.....	Not given
Imp. Ianthe.....	John Hunter....Barforth (3085).....	.....	Wm. Clark

White Rose 8th 209048—isan exceptional heifer of show-yard character. Anyone wanting a heifer to place in his show herd will find this one of the best offered this fall. She has been listed as one of the attractions of this sale.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Lothrop & Son \$1.50

Lot 22**Red Lassie 3d 146895****Cow**

Red; calved May 4, 1912. Bred by R. E. Watts & Sons.

DAMS**BREEDERS Sires****BREEDERS**

Red Lassie 65237	R. E. Watts & Sons	Got by Sultan's Calculator 334973.	F. W. Harding
Sassie Lassie 2d 1961	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Sassy Lassie	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros
Mount Algor Village Lass 2d	R. E. Watts	Sassy Boy 129808	J. G. Robbins & Sons
Mount Algor Village Lass	R. E. Watts	Gold Coin 115679	Cookson Bros.
Village Lass 2d	A. E. Kimberly	Royal Aberdeen 100580	C. S. Barclay
Village Lass	W. C. Hirst	Golden Duke 86739	A. E. Kimberly
Village Lady	D. Cookson & Son	Earl of Centerdale 51426	D. Cookson & Son
Lady Watson	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Tracing to Imp. Lady Jane	2d Grand Duke of Airdrie 12091	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
	Mr. Wetherell	Whittington (12299)	Mr. Holland

Red Lassie 3d 146895—is a large heifer safe in calf to the service of Cumberland King since March 14th.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

John Henry \$1.75

Lot 23

Sentinel Lass 2d 186988

Cow

Roan; calved July 26, 1912. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS STRES

BREEDERS

	Got by Sultan's Calculator 334973.....	F. W. Harding
Sentinel Lass 4th	R. E. Watts & Sons....Sentinel 217597	E. C. & J. A. White
Mt. Algor Village Lass 4th	R. E. Watts & Sons....Sassy Boy 129808	J. G. Robbins & Sons
Mt. Algor Village Lass 3d	R. E. Watts ...Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass.....	R. E. Watts....Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly....Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst....Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son....Village Boy 25099	J. I. Davidson
Lady Watson.....	D. Cookson & Son....2d Grand Duke of Airdrie 12091.....	Jno. G. Taylor
Tracing to Imp. Lady Jane.....	Mr. Wetherell....Whittington (12299).....	Mr. Holland

Sentinel's Lass 2d--is a beautiful colored roan and a cracking good individual. She has a roan heifer calf at foot calved May 25, 1915; sired by Cumberland King.

Sultan's Calculator 334973--is a very growthy, mellow, true lined and deep bodied bull, with the same strong masculine head of his great sire, Whitehall Sultan, and comes from an excellent family on his dam's side, she producing some of Mr. Harding's best show cattle. Sultan's Calculator was our choice of Whitehall Sultan's 1910 calves and was at the head of Mr. Harding's young calf herd at most of the big shows and a very strong showing in the classes, winning several firsts and seconds and never being lower than fourth place. We believe that he ranks among the best of White Hall Sultan's bulls as a sire, weighing 2400 lbs.

Sentinel 217597--red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Sassy Boy 129808--a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

W. H. Koch \$200

Lot 24

Calculator's Rose 209047

Cow

Roan; calved January 18, 1914. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sultan's Calculator 334973..	F. W. Harding
Sentinel Rose 2d 137617	R. E. Watts & Sons... Scotch Avon 315678..	Flynn Farm Co
Sentinel Rose 74823	R. E. Watts & Sons... Sentinel 217597 ..	E. C. & J. A. White
Red Rose A 2d	R. E. Watts & Sons... Gold Coin 115679..	Cookson Bros
Red Rose A	R. E. Watts & Sons... Royal Aberdeen 100580..	C. S. Barclay
Red Rose 4th	R. E. Watts & Sons... Valentine Duke 58226 ..	Wm. Koch
Red Rose 2d	Dan Koch... Grand Duke of Green Lawn 19901 ..	Wm. Stewart
Red Rose	Mrs. E. J. Byram... Duke Clifton 11672 ..	Geo. M. Bedford
Duchess 5th..	M. H. Kendall... Red Duke 7167 ..	J. Duncan
Duchess 4th	Geo. Moore... Alex. H. Stevens 7485 ..	A. Renick
Duchess 2d	Roan Duke 10781 ..	E. G. Bedford
Duchess 1st	Innes' Whig 588 ..	Not given
Imp. Ianthe	John Hunter... Barforth (3085) ..	Wm. Clark

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594 A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

John Henry & Co

Lot 25

Red Lassie 4th 186987

Cow

Red; calved April 16, 1912. Bred and owned by R. E. Watts & Sons.

DAMS	BRERDERS	SIRES	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Red Lassie 2d 137612	R. E. Watts & Sons	Scotch Avon 315678	Flynn Farm Co.
Red Lassie	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Sassy Lassie 2d	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Sassy Lassie	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Mount Algor Village Lass 2d	R. E. Watts	Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly	Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst	Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell	Whittington (12299)	Mr. Holland

Red Lassie 4th 186987—is another of the good thick fleshed Calculator heifers. Has a red bull calf at foot, calved June 18, 1915, sired by Cumberland King.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Calves on B

Lot 26

Red Daisy 2d 186986

Cow

Red, calved April 25, 1913. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

Red Daisy 74820	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Daisy 2d	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Daisy	R. E. Watts	Gold Coin 115679	Cookson Bros.
Violet 4th	R. E. Watts	Almont 2d 58770	C. S. Barclay
Violet	Dan Koch	Don Ames 50789	D. Koch
Lily of White Rose	Dan Koch	Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman	King Cryus 6934	J. M. Hall
Hattie	D. Lowman	Young Duke of Exeter 1136	T. Humphreys
Minnie	Mr. Watts	President 2d 835	M. L. Sullivant
Flora	A. Watts	Prince Albert 3d 857	Arthur Watts
Tracing to Imp. Daisy	John Johnson	Wild 11134	In England

Red Daisy 2d 186986—is a very thick, low-set, beefy heifer, one of the very choice heifers in the sale. Bred December 8th to Cumberland King.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sasanach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

John E. Gerverton, S. v. 1

Lot 27

Calculator's Violet 186983

Cow

Red and white; calved October 6, 1912. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	SIRES	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Violet W. 2d 49489	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Violet W.	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Violet's Last	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Violet 5th	R. E. Watts	Almont 2d 58770	C. S. Barclay
Violet	Dan Koch	Don Ames 50789	Dan Koch
Lily of White Rose	Dan. Koch	Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman	King Cyrus 6934	J. M. Hill
Hattie	D. Lowman	Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts	President 2d 835	M. L. Sullivant
Flora	Mr. Watts	Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson	Wild 11134	Yorkshire Eng.

Calculator's Violet 186983—is a remarkable thick, klow set heifer, and very close related on the dam's side to some of our best show cattle. She has an all red bull calf at foot, calved May 25, 1915; sired by Cumberland King.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Almont 2d 58770—red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

Norman Cook Miles, Jr., 1915



Some of the Sultan Calculator heifers in this sale

Lot 28

Daisy Girl 3d 186985

Cow

Red; calved September 10, 1913. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Daisy Girl 2d 186984	R. E. Watts & Sons....	Scotch Avon 315678	Flynn Farm Co.
Daisy Girl 12134	R. E. Watts & Sons....	Double Gloster 2d 138588	Forbes Bros.
Violet Daisy 3d	R. E. Watts & Sons....	Sassy Boy 129808	J. G. Robbins & Sons
Violet Daisy	R. E. Watts & Sons....	Gold Coin 115679	Cookson Bros.
Violet 5th	R. E. Watts & Sons....	Almont 2d 58770	C. S. Barclay
Violet		Dan. Koch....Don Ames 50789..	Dan. Koch
Lily of White Rose		Dan. Koch....Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman....	King Cyrus 6934	J. M. Hill
Hattie	D. Lowman....	Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts....	President 2d 835	M. L. Sullivant
Flora	Mr. Watts....	Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson....	Wild 11134	Yorkshire Eng.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Lot 29**Algor Lassie****Cow**

Sent for Record. Red; calved July 7, 1914. Bred and owned by R. E. Watts & Sons.

DAMS**BREEDERS Sires****BREEDERS**

	Got by Sultan's Calculator 334973.	F. W. Harding
Red Lassie 2d 137612	R. E. Watts & Sons...Scotch Avon 316678	Flynn Farm Co.
Red Lassie 65237	R. E. Watts & Sons...Sentinel 217597	E. C. & J. A. White
Sassie Lassie 2d 1961	R. E. Watts & Sons...Double Gloster 2d 138588	Forbes Bros
Sassy Lassie	R. E. Watts & Sons...Sassy Boy 129808	J. G. Robbins & Sons
Mount Algor Village Lass 2d	R. E. Watts...Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass	R. E. Watts...Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly...Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst...Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son...Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son...2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell...Whittington (12299)	Mr. Holland

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Lot 30**Miss Daisy****Cow**

Sent for record. Red; calved March 6, 1914. Bred by R. E. Watts & Sons.

DAMS**BREEDERS**

Got by Sultan's Calculator 334973 F. W. Harding

DAMS	BREEDERS	BREEDERS
White Daisy 74824	R. E. Watts & Sons ..	Double Gloster 2d 138588
Daisy 2d	R. E. Watts & Sons ..	Sassy Boy 129808
Daisy	R. E. Watts & Sons ..	Gold Coin 115679
Violet 4th	R. E. Watts & Sons ..	Almont 2d 58770
Violet	Dan Koch ..	Don Ames 50789
Lily of White Rose	Dan. Koch ..	Grand Duke of Green Lawn 19901
White Rose	D. Lowman ..	King Cyrns 6934
Hattie	D. Lowman ..	Young Duke of Exeter 1136
Minna	Mr. Watts ..	President 2d 835
Flora	Mr. Watts ..	Prince Albert 2d 857
Tracing to Imp. Daisy	John Johnson ..	Wild 11134
		Yorkshire Eng.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

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Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).



Lot 23

Lot 23—Sentinel's Lass 2d
Lot 6—Golden Floss 3d

Lot 6

Lot 8

Lot 8—Calculator's Primrose
Lot 5—Red Floss

Lot 5

Lot 31

Sentinel Rose 3d 137618

Cow

Red and white; calved June 3, 1911. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS SIRES

BREEDERS

Sentinel's Rose 74823.....	R. E. Watts & Sons	Got by Red Marshal 303741.....	F. W. Harding
Red Rose A 2d.....	R. E. Watts	...Sentinel 217597.....	E. C. & J. A. White
Red Rose A	R. E. Watts	...Gold Coin 115679	Cookson Bros.
Red Rose 4th	R. E. Watts	...Royal Aberdeen 100580	C. S. Barclay
Red Rose 2d	Dan. Koch	...Valentine Duke 58326	Wm. Koch
Red Rose	Mrs. E. J. Byram	...Grand Duke of Green Lawn 19901.....	Wm. Stewart
Duchess 5th.....	M. H. Kendall	...Duke Clifton 11672	Geo. M. Bedford
Duchess 4th	Geo. Moore	...Red Duke 7167	J. Duncan
Duchess 2d	Alex. H. Stevens 7485 .....	.....	A. Renick
Duchess 1st.....	Roan Duke 10781 .....	.....	E. G. Bedford
Imp. Ianthe.....	Innes' Whig 588 .....	.....	Not given
.....	John Hunter Barforth (3085).....	.....	Wm. Clark

Sentinel Rose 3d 137618—red bull calf at foot by Calculator, and bred again to Calculator July 27.

Red Marshal 303741—red, calved November 1, 1907; bred by F. W. Harding. Won six first prizes out of a possible nine, on the State Fair circuit in 1909 in Mr. Harding's herd and was only shown in moderate flesh. He was the highest priced bull in Mr. Frank Harding's 1910 sale and has proven himself a very valuable sire.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Royal Aberdeen 100580—is a very massive bull we purchased at a long price when prices were at a low ebb. Sired by New Golden 8254, out of Imp. Josephine 2d, bred by Wm. Duthie; sired by Heir Apparent, out of Imp. Border Josephine, by Star of the Border (44093).

Newell Peurback, M. 11

Lot 32

Gloster's Rose 3d 137607

Cow

Red; calved April 4, 1911. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
Gloster's Rose 1957	R. E. Watts & Sons	Got by Red Marshal 303741	F. W. Harding
Lady Rose 4th	R. E. Watts	Double Gloster 2d 138588	Forbes Bros.
Lady Rose 2d	R. E. Watts	Gold Coin 115679	Cookson Bros
Red Rose 3d		Almont 2d 58770	C. S. Barclay
Red Rose		Dan Koch Valentine Duke 58376	Wm. Koch
Duchess 5th	Mrs. E. J. Byram	Duke Clifton 11672	Geo. M. Bedford
Duchess 4th	M. H. Kendall	Red Duke 7167	J. Duncan
Duchess 2d	Geo. Moore	Alex. H. Stevens 7485	A. Renick
Duchess 1st		Roan Duke 10781	E. G. Bedford
Imp. Ianthe		Innes' Whig 588	Not given
		John Hunter Barforth (3085)	Wm. Clark

Gloster's Rose 3d 137607—bred May 10, 1915, to Sultan's Calculator.

Red Marshal 303741—red, calved November 1, 1907; bred by F. W. Harding. Won six first prizes out of a possible nine, on the State Fair circuit in 1909 in Mr. Harding's herd and was only shown in moderate flesh. He was the highest priced bull in Mr. Frank Harding's 1910 sale and has proven himself a very valuable sire.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Almont 2d 58770—red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

Lot 33

Daisy Avon 137606

Cow

Roan; calved February 19, 1910. Bred by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Scotch Avon 315678	Flynn Farm Co.
Daisy 2d	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Daisy	R. E. Watts	Golden Coin 115679	Cookson Bros.
Violet 4th	R. E. Watts	Almont 2d 58770	C. S. Barclay
Violet	Dan Koch	Don Ames 50789	Dan Koch
Lily of White Rose	Dan. Koch	Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman	King Cyrus 6934	J. M. Hill
Hattie	D. Lowman	Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts	President 2d 835	M. L. Sullivant
Flora	Mr. Watts	Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson	Wild 11134	Yorkshire Eng.

Daisy Avon 137606—has a roan bull calf at foot, sired by Sultan Calculator calved June 18, 1915.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Almont 2d 58770—red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 1 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

Lin Denney 4/83



Lot 15

Lot 22

A Group of Calculator Heifers

Lot 34

Lady Rose B. 7th 146893

Cow

Roan; calved January 11, 1911. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS	BREEDERS	SIRE	BREEDERS
Lady Rose B. 6th 1960	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros
Lady Rose B.	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Lady Rose 2d	R. E. Watts	Almont 2d 58770	C. S. Barclay
Red Rose 3d	Dan Koch	Valentine Duke 58326	Wm. Koch
Red Rose	Mrs. E. J. Byram	Duke Clifton 11672	Geo. M. Bedford
Duchess 5th	M. H. Kendall	Red Duke 7167	J. Duncan
Duchess 4th	Geo. Moore	Alex. H. Stevens 7485	A. Renick
Duchess 2d		Roan Duke 10781	E. G. Bedford
Duchess 1st		Innes' Whig 588	Not given
Imp. Ianthe	John Hunter	Barforth (3085)	Wm. Clark

Lady Rose B. 7th 146893—cow calf at foot calved July 14, 1915; by Cumberland's King, and bred again to Sultan's Calculator.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Royal Aberdeen 100580—is a very massive bull we purchased at a long price when prices were at a low ebb. Sired by New Golden 8254, out of Imp. Josephine 2d, bred by Wm. Duthie; sired by Heir Apparent, out of Imp. Border Josephine, by Star of the Border (44093).

Almont 2d 58770—red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 1 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

W. E. Watts & Sons, Miles, Iowa.

Lot 35**Red Lassie 4th 161231****Cow**

Red and white; calved May 14, 1911. Bred and owned by R. E. Watts & Sons.

DAMS**BREEDERS Sires****BREEDERS**

Red Lassie 65237	R. E. Watts & Sons	Got by Scotch Avon 315678	Flynn Farm Co.
Sassy Lassie 2d	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Sassy Lassie	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Mount Algor Village Lass 2d	R. E. Watts	Sassy Boy 129808	J. G. Robbins & Sons
Village Lass 2d	A. E. Kimberly	Gold Coin 115679	Cookson Bros.
Village Lass	W. C. Hirst	Golden Duke 86739	A. E. Kimberly
Village Lady	D. Cookson & Son	Earl of Centerdale 51426	D. Cookson & Son
Lady Watson	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Tracing to Imp. Lady Jane	Mr. Wetherell	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
		Whittington (12299)	Mr. Holland

Red Lassie 4th 161231—red bull calf at foot, sired by Cumberland King; bred again to Cumberland King July 7, 1915.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

E. Corliss, Sabula, Ia. - 15-1

Lot 36**Sentinel Lass 74822****Cow**

Red and white; calved July 17, 1907. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
	Got by Sentinel 217597		E. C. & J. A. White
Mt. Algor Village L. 4th	R. E. Watts & Son	Sassy Boy 129808	J. G. Robbins & Sons
Mt. Algor Village L. 3d	R. E. Watts & Son	Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly	Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst	Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell	Whittington (12299)	Mr. Holland

Sentinel's Lass—has a roan heifer calf at foot by Sultan's Calculator calved August 8, 1915.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Royal Aberdeen 100580—is a very massive bull we purchased at a long price when prices were at a low ebb. Sired by New Golden 8254, out of Imp. Josephine 2d, bred by Wm. Duthie; sired by Heir Apparent, out of Imp. Border Josephine, by Star of the Border (44093).

W. H. Koch #110

Lot 37

Daisy Girl 2d 187984

Cow

Roan; calved July 28, 1910. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS

BREEDERS Sires

BREEDERS

Daisy Girl 12134	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Violet Daisy 3d	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Violet Daisy	R. E. Watts & Sons	Gold Coin 115679	Cookson Bros.
Violet 5th	R. E. Watts & Sons	Almont 2d 58770	C. S. Barclay
Violet	Dan. Koch	Don Ames 50789	Dan. Koch
Lily of White Rose	Dan. Koch	Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman	King Cyrus 6934	J. M. Hill
Hattie	D. Lowman	Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts	President 2d 835	M. L. Sullivant
Flora	Mr. Watts	Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson	Wild 11134	Yorkshire Eng.

Daisy Girl 2d 187984—will have calf at foot by sale day, by Sultan's Calculator.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Lot 38

Gloster's Heiress 2d 74814

Cow

Roan; calved November 30, 1908 Bred by R. E. Watts & Sons.

DAMS	BREEDERS	SIRES	BREEDERS
		Got by Sentinel 217597	E. C. & J. A. White
Gloster's Heiress 44826	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Fashion Heiress 2d	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Fashion Heiress	R. E. Watts	Gold Coin 115679	Cookson Bros.
Oakland Heiress 6th	D. Wilson	Sir Alexander 42528	Kimberly & Wilson
Oakland Heiress 3d	D. Wilson	Jubilee's Breastplate 32937	A. E. Kimberly
Oakland Heiress	S. Meredith & Son	Heir of Oakland 6852	D. McMillan
Oakland Rose		Loyal Duke of Oakland 6977	D. McMillan
Twin		Locomotive 644	H. M. H. Taylor
Fanny Gray		Sir Henry (5158)	Mr. Warfield
Imp. Zelia	W. Cooper	Norfolk (2377)	Mr. Whitaker
Imp. Fashion	W. Cooper	Young Don Juan (3610)	W. Cooper

Gloster's Heiress 2d 74814—this is one of the good individuals of the sale, she has the scale and quality. She was in our show herd as a calf, you will not be disappointed in her.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

John G. Swerton \$10

Lot 39

Lady Rose B. 8th 146894

Cow

Red; calved January 14, 1912. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Lady Rose B. 6th 1960	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Lady Rose B.	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Lady Rose 2d	R. E. Watts	Almont 2d 58770	C. S. Barclay
Red Rose 3d	D. Koch	Valentine Duke 58326	D. Koch
Red Rose	Mrs. E. J. Byram	Duke Clifton 11672	Geo. M. Bedford
Duchess 5th	M. H. Kendall	Red Duke 7167	J. Duncan
Duchess 4th	Geo. Moore	Alex. H. Stevens 7485	A. Renick
Duchess 2d		Roan Duke 10781	E. G. Bedford
Duchess 1st		Innes' Whig 588	Not given
Imp. Ianthe	John Hunter	Barforth (3085)	Wm. Clark

Lady Rose B. 8th 146894--this is a good, large meaty heifer and with the top crosses of these Scotch bulls will make a good buy; she will drop her second calf just after the sale on October 15th.

Scotch Avon 315678--roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Double Gloster 2d 138588--a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Royal Aberdeen 100580--is a very massive bull we purchased at a long price when prices were at a low ebb. Sired by New Golden 8254, out of Imp. Josephine 2d, bred by Wm Duthie; sired by Heir Apparent, out of Imp. Border Josephine, by Star of the Border (44093).

Almont 2d 58770--red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

R. E. Watts, Walcott, Ia. #175

Lot 40

Avon's Violet 137605

Cow

Red and white; calved September 2, 1911. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS Sires	BREEDERS
Violet W. 2d 49489	R. E. Watts & Sons...Double Gloster 2d 138588	Forbes Bros.
Violet W.	R. E. Watts & Sons...Double Gloster 2d 138588.	Forbes Bros.
Violet's Last	R. E. Watts & Sons...Sassy Boy 129808	J. G. Robbins & Sons
Violet 5th	R. E. Watts...Almont 2d 58770	C. S. Barclay
Violet	Dan Koch...Don Ames 50789	Dan Koch
Lily of White Rose	Dan. Koch...Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman...King Cyrus 6934	J. M. Hill
Hattie	D Lowman...Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts...President 2d 835	M. L. Sullivant
Flora	Mr. Watts...Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson...Wild 11134	Yorkshire Eng.

Avon's Violet—will have calf at foot by sale day, sired by Sultan's Calculator.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittytown breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sasanach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

D. L. Cranford 14-15

Lot 41

Red Lassie 2d 137612

Cow

Red; calved May 11, 1910. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

Red Lassie 65237	.....	R. E. Watts & Sons...Sentinel 217597	.....	Flynn Farm Co.
Sassy Lassie 2d	.....	R. E. Watts & Sons...Double Gloster 2d 138588	.....	Forbes Bros.
Sassy Lassie	.....	R. E. Watts & Sons...Sassy Boy 129808	.....	J. G. Robbins & Sons
Mount Algor Village Lass 2d	.....	R. E. Watts...Gold Coin 115679	.....	Cookson Bros.
Village Lass 2d	.....	A. E. Kimberly...Golden Duke 86739	.....	A. E. Kimberly
Village Lass	.....	W. C. Hirst...Earl of Centerdale 51426	.....	D. Cookson & Son
Village Lady	.....	D. Cookson & Son...Village Boy 25099	.....	J. I. Davidson
Lady Watson	.....	D. Cookson & Son...2d Grand Duke of Airdrie 12091	.....	Jno. G. Taylor
Tracing to Imp. Lady Jane	.....	Mr. Wetherell...Whittington (12299)	.....	Mr. Holland

Red Lassie 2d 137612—has a red bull calf at foot, calved May 25, 1915; sired by Velvet Sultan 511880.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sasanach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

E. C. Dalton, Preston, Ia. \$10

Lot 42

Sassy Girl 6th 107086

Cow

Red; calved February 24, 1910. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Sentinel 217497	E. C. & J. A. White
Sassy Girl 3d 49485	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Sassy Girl	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Village Lass 3d	R. E. Watts	Gold Coin 115679	Cookson Bros.
Village Lass 2d	A. E. Kimberly	Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst	Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell	Whittington (12299)	Mr. Holland

Sassy Girl 6th 107086--will drop calf shortly after sale to the service of Sultan's Calculator.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Lot 43**Red Daisy 74820****Cow**

Red; calved October 21, 1908. Bred and owned by R. E. Watts & Sons.

DAMS**BREEDERS Sires****BREEDERS**

Daisy 2d	R. E. Watts & Sons	Got by Sentinel 217597	E. C & J. A. White
Daisy	R. E. Watts	Sassy Boy 129808	J. G. Robbins & Sons
Violet 4th	R. E. Watts	Gold Coin 115679	Cookson Bros.
Violet		Almont 2d 58770	C. S. Barclay
Lily of White Rose		Dan Koch	Dan Koch
White Rose		Don Ames 50789	
Hattie		Dan. Koch	Grand Duke of Green Lawn 19901
Minna		Grand Duke of Green Lawn 19901	Wm. Stewart
Flora		D. Lowman	King Cyrus 6934
Tracing to Imp. Daisy		D. Lowman	Young Duke of Exeter 1136
		Mr. Watts	President 2d 835
		Mr. Watts	Prince Albert 2d 857
		John Johnson	Wild 11134
			Yorkshire Eng.

Red Daisy 74820—red heifer calf at foot, calved June 30, 1915; by Sultan's Calculator.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable style, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sassenach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland, by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

Almont 2d 58770—red, calved August 3, 1882; bred by C. S. Barclay, West Liberty, Iowa, got by Almont 37450, out of Fashion by Prince of Belville 60726; Faith Gardner 3d by Goldfinder 1 7197; Faith Gardner by Burnside 4618; Delia by Kansas 3046.

W. H. Koch

Lot 44

Calculator's Pride 430267

Bull

Red; calved August 20, 1914. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Violet W. 2d 49489	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Violet W. 1959	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Violet's Last	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Violet 5th	R. E. Watts	Almont 2d 58770	C. S. Barclay
Violet	Dan Koch	Don Ames 50789	D. Koch
Lily of White Rose	Dan Koch	Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose	D. Lowman	King Cryus 6934	J. M. Hall
Hattie	D. Lowman	Young Duke of Exeter 1136	T. Humphreys
Minnie	Mr. Watts	President 2d 835	M. L. Sullivant
Flora	A. Watts	Prince Albert 3d 857	Arthur Watts
Tracing to Imp. Daisy	John Johnson	Wild 11134	In England

Sultan's Calculator 334973—is a very growthy, mellow, true lined and deep bodied bull, with the same strong masculine head of his great sire, Whitehall Sultan, and comes from an excellent family on his dam's side, she producing some of Mr. Harding's best show cattle. Sultan's Calculator was our choice of Whitehall Sultan's 1910 calves and was at the head of Mr. Harding's young calf herd at most of the big shows and a very strong showing in the classes, winning several firsts and seconds and never being lower than fourth place. We believe that he ranks among the best of White Hall Sultan's bulls as a sire, weighing 2400 lbs.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sassy Boy 129808—a roan bull bred by J. G. Robbins & Sons, Horace, Ind. A bull of remarkable size, having near a perfect head and neck; smooth of shoulders, with a great loin, and a bull we showed with good success, being sired by Sasanach 113681, a bull bred by W. A. Harris, of good Scotch breeding, out of Miss Ramsden 5th of Oakland by Imp. Gay Monarch. Some of our best show cattle have come from this bull.

Calculator, August 20, 1914.

Lot 45

Sultan's Sentinel 430272

Bull

Red; calved May 17, 1914. Bred and owned by R. E. Watts & Sons, Miles, Iowa.

DAMS	BREEDERS	SIRFS	BREEDERS
Red Lassie 65237	R. E. Watts & Sons	Sentinel 217597	F. W. Harding
Sassy Lassie 2d 1961	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros.
Sassie Lassie	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Mount Algor Village Lass	R. E. Watts	Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly	Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst	Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell	Whittington (12299)	Mr. Holland

Sultan's Sentinel 430272—a thick bull of the Calculator type.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Lot 46

Calculator's Avon 430264

Bull

Red; calved September 25, 1914. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS Sires	BREEDERS
	Got by Sultan's Calculator 334973.....	F. W. Harding
Avon's Violet 137605.....	R. E. Watts & Sons...Scotch Avon 315678	Flynn Farm Co.
Violet W. 2d 49489	R. E. Watts & Sons...Double Gloster 2d 138588	Forbes Bros.
Violet W. 1959	R. E. Watts & Sons ...Double Gloster 2d 138588	Forbes Bros.
Violet's Last	R. E. Watts & Sons...Sassy Boy 129808	J. G. Robbins & Sons
Violet 5th.....	R. E. Watts...Almont 2d 58770	C. S. Barclay
Violet	Dan Koch...Don Ames 50789.....	D. Koch
Lily of White Rose	Dan. Koch...Grand Duke of Green Lawn 19901	Wm. Stewart
White Rose.....	D. Lowman...King Cyrus 6934	J. M. Hill
Hattie	D Lowman...Young Duke of Exeter 1136	T. Humphreys
Minna	Mr. Watts...President 2d 835.....	M. L. Sullivant
Flora	Mr. Watts...Prince Albert 2d 857	A. Watts
Tracing to Imp. Daisy	John Johnson...Wild 11134	Yorkshire Eng.

Calculator's Avon 430264—this is an exceptional thick fleshed, deep bodied calf with an extra head and horn. We respectfully recommend him to your attention.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

ran to Liverdine Bellamy, Ia. \$125

Lot 47

Whitehall Oxford 2d 430273

Bull

Red; calved June 4, 1914. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	Sires	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Jenny Lind 26th 107082	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Jenny Lind 22d	Wm. & Jno. Griffiths	Waterloo 78343	Pliny Nichols
Jenny Lind 14th	Geo. Stephenson	Geneva Duke 2d 35630	A. J. Dunlap & Sons
Jenny Lind 12th	L. Palmer	Commander 41637	John Dryden
Jenny Lind 9th	J. P. Sanborn	7th Earl of Oxford 9985	J. O. Sheldon
Imp. Wastell's Jenny Lind 7th	A. E. Hector	Lord of the Isles 14784	Mr. Cruickshank
Jenny Lind 6th	Wm. Duthie	Prince Louis (20560)	Lord Kinnaird
Jenny Lind 3d	J. Whitehead	Kelvinside (14756)	S. Stirling

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Sentinel 217597—red, white marks, calved September 28th, 1902; bred by E. C. & J. A. White, Mt. Carroll, Ill., got by Grand Count 178761, out of Imp. Mercia by Beau Ideal 138594.

Waterloo 78343—red, calved December 17, 1884; bred by Pliny Nichols, West Liberty, Iowa, got by Earl of Aberdeen 45992, out of Imp. Wave Duchess by 2d Duke of Tregunter (26022).

Geneva Duke 2d 35630—red, calved August 8, 1878; bred by A. J. Dunlap & Sons, Galesburg, Ill., got by Geneva Duke 19841, out of Rose 2d by Duke of Mason 5589; White Rose by Duke of Ashland 2746; White Rose 2d by Gen. Winfield Scott (12936); White Rose 1st by Young Paragon 1155.

Commander 41637—red, calved December 23, 1876; bred by John Dryden, Brooklin, Ont., got by Barmpton Royal 31461, out of Imp. Columbia by Lord Lancaster (26666); Columbine by Sir Walter Scott (22922); Comelia by Lancaster Comet (11663).

7th Earl of Oxford 9985—red, calved September 6, 1869; bred by Jas. O. Sheldon, Geneva, got by 5th Duke of Geneva 7932, out of 10th Lady of Oxford by 10th Duke of Thorndale 5610; 7th Lady of Oxford by 6th Duke of Thorndale (23794).

Lot 48

Sassy Avon 4th 430270

Bull

Roan; calved September 10, 1913. Bred and owned by R. E. Watts & Sons.

DAMS	BREEDERS	SIREs	BREEDERS
		Got by Sultan's Calculator 334973	F. W. Harding
Red Lassie 4th 161231	R. E. Watts & Sons	Scotch Avon 315678	Flynn Farm Co.
Red Lassie 65237	R. E. Watts & Sons	Sentinel 217597	E. C. & J. A. White
Sassie Lassie 2d 1961	R. E. Watts & Sons	Double Gloster 2d 138588	Forbes Bros
Sassy Lassie	R. E. Watts & Sons	Sassy Boy 129808	J. G. Robbins & Sons
Mount Algor Village Lass 2d	R. E. Watts	Gold Coin 115679	Cookson Bros.
Mount Algor Village Lass	R. E. Watts	Royal Aberdeen 100580	C. S. Barclay
Village Lass 2d	A. E. Kimberly	Golden Duke 86739	A. E. Kimberly
Village Lass	W. C. Hirst	Earl of Centerdale 51426	D. Cookson & Son
Village Lady	D. Cookson & Son	Village Boy 25099	J. I. Davidson
Lady Watson	D. Cookson & Son	2d Grand Duke of Airdrie 12091	Jno. G. Taylor
Tracing to Imp. Lady Jane	Mr. Wetherell	Whittington (12299)	Mr. Holland

Sassy Avon 4th 430270—is a large roan bull of the beefy type, and at maturity will weigh a ton or better. He is worthy of your attention.

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E., one of the Flynn show cows.

Double Gloster 2d 138588—a son of old Queen of Scots, the most valuable Cruickshank cow of the Forbes herd, in fact, one of the best specimens of Sittyton breeding ever produced in an American herd. This valuable branch of the Duchess of Gloster family descends from Mr. Dryden's Imp. 12th Duchess of Gloster. Double Gloster 2d was a very low down, blocky, massive bull, weighing 2350 lbs. Double Gloster 2d was a winner at the International 1901 and first and sweepstakes Iowa bull in 1905 and 1906 at Des Moines Iowa State Fair.

Sentinel 217597—red, calved September 28, 1912. Bred by E. C. & J. A. White, a straight Scotch bull sired by Grand Count 178761, he sired by Imp. Merryman 150157 out of Imp. Martha 3d. His dam Imp. Mercia by Beau Ideal 138594. A very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2350 pounds.

Lot 49

Corrector 430268

Bull

Roan; calved January 7, 1915. Bred and owned by R. E. Watts & Sons.

DAMS

BREEDERS Sires

BREEDERS

	Got by Sultan's Calculator 334973.....	F. W. Harding
Sentinel Rose 2d 137617.....	R. E. Watts & Sons....Scotch Avon 315678	Flynn Farm Co.
Sentinel Rose 74823	R. E. Watts & Sons....Sentinel 217597	E. C. & J. A. White
Red Rose A 2d	R. E. Watts & Sons....Gold Coin 115679	Cookson Bros
Red Rose A	R. E. Watts & Sons....Royal Aberdeen 100580	C. S. Barclay
Red Rose 4th	R. E. Watts & Sons....Valentine Duke 58326	Wm. Koch
Red Rose 2d	Dan Koch....Grand Duke of Green Lawn 19901	Wm. Stewart
Red Rose	Mrs. E. J. Byram....Duke Clifton 11672	Geo. M. Bedford
Duchess 5th.....	M. H. Kendall....Red Duke 7167	J. Duncan
Duchess 4th	Geo. Moore....Alex. H. Stevens 7485	A. Renick
Duchess 2d	Roan Duke 10781	E. G. Bedford
Duchess 1st.....	Innes' Whig 588	Not given
Imp. Ianthe.....	John Hunter....Barforth (3085)	Wm. Clark

Sultan's Calculator 334973—red, calved January 4, 1910; bred by F. W. Harding, got by Whitehall Sultan 163573, out of Imp. Calceolaria 16th by Spicy Baron 213038; Calceolaria 4th by Brow Duke 157581; Calceolaria 2d by Hildebrand 157585; Calceolaria by Montgomery of Cluny 157127.

Scotch Avon 315678—roan, calved August 20, 1908; bred by Flynn Farm Co. Is a show bull of show yard character. Was first in Iowa bulls at Des Moines in 1911. Very mellow with heavy quarters. Was sired by the \$8000 Premier, a son of Choice Goods, and from Sweet Briar E. one of the Flynn show cows.

Sentinel 217597—is a very short legged bull. His top and bottom lines are exceptionally strong and straight. He is evenly covered with flesh and is very mellow. Weight 2,350 pounds. As a breeder, he has proven his ability to produce these qualities. This Sentinel cross on Gloster heifers will produce show yard cattle of high merit. First prize Iowa bull at Iowa State Fair 1909.

Gold Coin 115679—light red, little white, a Cruickshank bull of the Golden Galaxy family, calved July 27, 1891; bred by Cookson Bros., Downey, Iowa, sired by Pro-Consul 94510, out of Golden Mint by Spartan Hero 77932; Pro-Consul was bred by A. Cruickshank, Sittyton, Scotland, sired by Spartan Hero 77932; tracing to Imp. Golden Galaxy by Senator (27441).

A. J. Van Epps. Clinton, Ia 1908

♦ I N D E X ♦

Bulls

Calculator's Avon	46
Calculator's Model.....	3
Calculator's Pride.....	44
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Cumberland King	B
Prince Calculator	1
Sassy Avon 4th	48
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Sultan's Pride	2
Sultan's Sentinel	45
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Algor Matchem	7

Algor's Jenny Lind	13
Avon's Violet.....	40
Calculator's Primrose	8
Calculator's Rose	24
Calculator's Violet	27
Daisy Avon.....	33
Daisy Girl 2d.....	37
Daisy Girl 3d.....	28
Dorothy Algor	4
Gloster's Heiress 2d	38
Gloster's Rose 3d.....	32
Golden Floss 3d	6
Golden Rose 5th.....	10
Inglewood's Primrose 2d.....	12
Jenny Knight 2d	18
Jenny Knight 3d	17
Jenny Knight 5th	19
Jenny Lind 25th	14
Jenny Lind 26th	16
Jenny Lind 28th	20
Jenny Lind 30th	15
Lady Rose B. 7th.....	34
Lady Rose B. 8th.....	39
Miss Daisy	30
Red Daisy.....	43
Red Daisy 2d.....	26
Red Floss	5
Red Lassie 2d	41
Red Lassie 3d	22
Red Lassie 4th	25
Red Lassie 4th	35
Sassy Girl 6th	42
Sentinel's Lass	36
Sentinel's Lass 2d	23
Sentinel's Rose 3d	31
Sultan's Matchem	11
Violet Maiden 2d	9
White Rose 8th.....	21

43 head averaged \$160

